

Census of Population of Ireland 1926, Vol.V, Part 1: Ed.  
Department of Industry and Commerce, Statistics Branch,  
Dublin, 1929, 216-219

TABLE 22 :—SAORSTAT LIFE TABLE NO. 1—MALES

(For explanation of calculation see Memorandum on p. 220).

## KEY TO THE NOTATION.

 $q_x$  = the rate of mortality, or the probability of dying in a year. It is the ratio of the number of deaths in the year of age  $x$  to  $x+1$  to the number entering on the year. $p_x$  = the probability of living a year, or the ratio of the number completing the year of age  $x$  to  $x+1$  to the number entering on the year. $l_x$  = the number according to the life table surviving to exact age  $x$ . $d_x$  = the deaths in the year of age  $x$  to  $x+1$  among  $l_x$  persons who enter on that year. $L_x$  = the population according to the life table, or the years of life lived, in the year of age  $x$  to  $x+1$ . $T_x$  = the population, or the years of life lived, above the moment of age  $x$ . $e_x$  = the complete expectation of life, or the total future lifetime which on the average will be passed through by persons aged exactly  $x$ .

The following relations hold between these quantities :—

$$p_x = 1 - q_x; l_x - l_{x+1} = d_x; L_x = \frac{1}{2}(l_x + l_{x+1}) \quad (x > 0); T_x = \sum_{y \geq x} l_y; e_x = T_x / l_x.$$

Age. $x$	$l_x$	$d_x$	$p_x$	$q_x$	$L_x$	$T_x$	$e_x$	Age. $x$
0	100,000	7,716	.92284	.07716	94,050	5,737,059	57.37	0
1	92,284	1,745	.98109	.01891	91,411	5,643,009	61.15	1
2	90,539	827	.99087	.00913	90,126	5,551,598	61.32	2
3	89,712	535	.99404	.00596	89,444	5,461,472	60.88	3
4	89,177	384	.99569	.00431	88,985	5,372,028	60.24	4
5	88,793	294	.99669	.00331	88,646	5,283,043	59.50	5
6	88,499	239	.99730	.00270	88,380	5,194,397	58.69	6
7	88,260	204	.99769	.00231	88,158	5,106,017	57.85	7
8	88,056	180	.99796	.00204	87,966	5,017,859	56.98	8
9	87,876	161	.99817	.00183	87,795	4,929,893	56.10	9
10	87,715	146	.99834	.00166	87,642	4,842,098	55.20	10
11	87,569	137	.99843	.00157	87,501	4,754,456	54.29	11
12	87,432	136	.99844	.00156	87,364	4,666,955	53.38	12
13	87,296	147	.99832	.00168	87,222	4,579,591	52.46	13
14	87,149	168	.99807	.00193	87,065	4,492,369	51.55	14
15	86,981	201	.99769	.00231	86,881	4,405,304	50.65	15
16	86,780	241	.99722	.00278	86,659	4,318,423	49.76	16
17	86,539	280	.99676	.00324	86,399	4,231,764	48.90	17
18	86,259	304	.99648	.00352	86,107	4,145,365	48.06	18
19	85,955	325	.99622	.00378	85,793	4,059,258	47.23	19
20	85,630	343	.99599	.00401	85,458	3,973,465	46.40	20
21	85,287	361	.99577	.00423	85,107	3,888,007	45.59	21
22	84,926	375	.99558	.00442	84,738	3,802,900	44.78	22
23	84,551	387	.99542	.00458	84,358	3,718,162	43.98	23
24	84,164	396	.99529	.00471	83,966	3,633,804	43.18	24
25	83,768	404	.99518	.00482	83,566	3,549,838	42.38	25
26	83,364	410	.99508	.00492	83,159	3,466,272	41.58	26
27	82,954	417	.99497	.00503	82,745	3,383,113	40.78	27
28	82,537	423	.99488	.00512	82,326	3,300,368	39.99	28
29	82,114	428	.99479	.00521	81,900	3,218,042	39.19	29
30	81,686	432	.99471	.00529	81,470	3,136,142	38.39	30
31	81,254	437	.99462	.00538	81,035	3,054,672	37.59	31
32	80,817	444	.99451	.00549	80,595	2,973,637	36.79	32
33	80,373	452	.99438	.00562	80,147	2,893,042	36.00	33
34	79,921	460	.99424	.00576	79,691	2,812,895	35.20	34
35	79,461	471	.99407	.00593	79,226	2,733,204	34.40	35
36	78,990	483	.99389	.00611	78,748	2,653,978	33.60	36
37	78,507	496	.99368	.00632	78,259	2,575,230	32.80	37
38	78,011	510	.99346	.00654	77,756	2,496,971	32.01	38
39	77,501	526	.99321	.00679	77,238	2,419,215	31.22	39
40	76,975	543	.99295	.00705	76,704	2,341,977	30.43	40
41	76,432	561	.99266	.00734	76,151	2,265,273	29.64	41
42	75,871	577	.99239	.00761	75,583	2,189,122	28.85	42
43	75,294	594	.99211	.00789	74,997	2,113,539	28.07	43
44	74,700	611	.99182	.00818	74,394	2,038,542	27.29	44

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TABLE 22 (contd.):—SAORSTAT LIFE TABLE NO. 1—MALES.

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Age- $x$	$l_x$	$d_x$	$p_x$	$q_x$	$L_x$	$T_x$	$e_x$	Age- $x$
45	74,080	631	.99148	.00852	73,774	1,964,148	26.51	45
46	73,458	654	.99110	.00890	73,131	1,890,374	25.79	46
47	72,804	681	.99065	.00935	72,462	1,817,243	24.96	47
48	72,123	713	.99011	.00989	71,767	1,744,780	24.19	48
49	71,410	753	.98946	.01054	71,033	1,673,013	23.43	49
50	70,657	798	.98870	.01130	70,258	1,601,980	22.67	50
51	69,859	850	.98783	.01217	69,434	1,531,722	21.93	51
52	69,009	906	.98687	.01313	68,556	1,462,288	21.19	52
53	68,103	966	.98582	.01418	67,620	1,393,732	20.47	53
54	67,137	1,029	.98467	.01533	66,623	1,326,112	19.75	54
55	66,108	1,095	.98344	.01656	65,560	1,259,489	19.05	55
56	65,013	1,164	.98210	.01780	64,431	1,193,929	18.36	56
57	63,849	1,234	.98067	.01933	63,232	1,129,498	17.69	57
58	62,615	1,307	.97913	.02087	61,962	1,066,266	17.03	58
59	61,308	1,381	.97748	.02252	60,617	1,004,304	16.38	59
60	59,927	1,455	.97572	.02428	59,200	943,687	15.75	60
61	58,472	1,526	.97390	.02610	57,709	884,487	15.13	61
62	56,946	1,591	.97203	.02794	56,150	826,778	14.52	62
63	55,355	1,652	.97016	.02984	54,529	770,623	13.92	63
64	53,703	1,711	.96814	.03186	52,848	716,090	13.33	64
65	51,992	1,769	.96597	.03403	51,107	663,251	12.76	65
66	50,223	1,828	.96360	.03630	49,309	612,144	12.19	66
67	48,395	1,889	.96106	.03894	47,451	562,835	11.63	67
68	46,506	1,953	.95830	.04200	45,529	515,384	11.08	68
69	44,553	2,020	.95466	.04534	43,543	469,855	10.55	69
70	42,533	2,090	.95087	.04913	41,488	426,312	10.02	70
71	40,443	2,162	.94655	.05345	39,362	384,824	9.52	71
72	38,281	2,232	.94169	.05831	37,165	345,462	9.02	72
73	36,049	2,295	.93632	.06368	34,901	308,297	8.55	73
74	33,753	2,348	.93044	.06956	32,570	273,396	8.10	74
75	31,405	2,384	.92408	.07592	30,213	240,817	7.67	75
76	29,021	2,401	.91726	.08274	27,821	210,604	7.26	76
77	26,620	2,396	.91000	.09000	25,422	182,783	6.87	77
78	24,224	2,365	.90236	.09764	23,041	157,361	6.50	78
79	21,859	2,309	.89438	.10562	20,705	134,320	6.14	79
80	19,550	2,227	.88611	.11389	18,436	113,615	5.81	80
81	17,323	2,125	.87733	.12267	16,261	95,179	5.49	81
82	15,198	2,005	.86805	.13195	14,195	78,918	5.19	82
83	13,193	1,870	.85824	.14176	12,258	64,723	4.91	83
84	11,323	1,722	.84788	.15212	10,462	52,465	4.63	84
85	9,601	1,565	.83696	.16304	8,819	42,003	4.37	85
86	8,036	1,403	.82545	.17455	7,334	33,184	4.13	86
87	6,633	1,238	.81332	.18668	6,014	25,850	3.90	87
88	5,395	1,076	.80057	.19943	4,857	19,836	3.68	88
89	4,319	919.2	.78717	.21283	3,859.4	14,979	3.47	89
90	3,399.8	771.4	.77310	.22690	3,014.1	11,119.7	3.27	90
91	2,628.4	635.2	.75835	.24165	2,310.8	8,105.6	3.08	91
92	1,993.2	512.5	.74250	.25710	1,737.0	5,794.8	2.91	92
93	1,480.7	404.6	.72675	.27325	1,278.4	4,057.8	2.74	93
94	1,076.1	312.2	.70989	.29011	920.0	2,779.4	2.58	94
95	763.9	235.0	.69231	.30769	646.4	1,859.4	2.43	95
96	528.9	172.4	.67400	.32600	442.7	1,213.0	2.29	96
97	356.5	123.0	.65499	.34501	295.0	770.3	2.16	97
98	233.5	85.2	.63527	.36473	190.9	475.3	2.04	98
99	148.3	57.1	.61486	.38514	119.7	284.4	1.92	99
100	91.2	37.0	.59379	.40621	72.7	164.7	1.81	100
101	54.2	23.2	.57207	.42793	42.6	92.0	1.70	101
102	31.0	14.0	.54975	.45025	24.0	49.4	1.59	102
103	17.0	8.0	.52686	.47314	13.0	25.4	1.49	103
104	9.0	4.5	.50347	.49653	6.8	12.4	1.38	104
105	4.5	2.3	.47963	.52037	3.3	5.6	1.25	105
106	2.2	1.2	.45541	.54459	1.6	2.3	1.05	106
107	1.0	0.6	.43089	.56911	0.7	0.7	0.72	107

TABLE 23.—SAORSTAT LIFE TABLE NO. 1—FEMALES.

Note: For "Key to the Notation" see page 216.

Age. $x$	$l_x$	$d_x$	$p_x$	$q_x$	$L_x$	$T_x$	$e_x$	Age. $x$
0	100,000	6,346	.93654	.06346	95,251	5,792,581	57.93	0
1	93,654	1,729	.98154	.01846	92,789	5,697,330	60.83	1
2	91,925	864	.99060	.00940	91,493	5,604,541	60.97	2
3	91,061	541	.99406	.00594	90,791	5,513,048	60.54	3
4	90,520	403	.99555	.00445	90,318	5,422,257	59.90	4
5	90,117	315	.99650	.00350	89,960	5,331,939	59.17	5
6	89,802	260	.99710	.00290	89,672	5,241,979	58.37	6
7	89,542	225	.99749	.00251	89,429	5,152,307	57.54	7
8	89,317	200	.99776	.00224	89,217	5,062,878	56.68	8
9	89,117	184	.99794	.00206	89,025	4,973,661	55.81	9
10	88,933	173	.99805	.00195	88,847	4,884,636	54.92	10
11	88,760	170	.99808	.00192	88,675	4,795,789	54.03	11
12	88,590	175	.99802	.00198	88,502	4,707,114	53.13	12
13	88,415	191	.99784	.00216	88,320	4,618,612	52.24	13
14	88,224	216	.99755	.00245	88,116	4,530,292	51.35	14
15	88,008	252	.99714	.00286	87,882	4,442,176	50.47	15
16	87,756	291	.99668	.00332	87,610	4,354,294	49.62	16
17	87,465	329	.99624	.00376	87,301	4,266,684	48.78	17
18	87,136	351	.99597	.00403	86,960	4,179,383	47.96	18
19	86,785	370	.99574	.00426	86,600	4,092,423	47.16	19
20	86,415	386	.99553	.00447	86,222	4,005,823	46.36	20
21	86,029	402	.99533	.00467	85,828	3,919,601	45.56	21
22	85,627	416	.99514	.00486	85,419	3,833,773	44.77	22
23	85,211	432	.99493	.00507	84,995	3,748,354	43.99	23
24	84,779	447	.99473	.00527	84,556	3,663,350	43.21	24
25	84,322	461	.99453	.00547	84,101	3,578,803	42.44	25
26	83,871	473	.99436	.00564	83,635	3,494,702	41.67	26
27	83,398	482	.99422	.00578	83,157	3,411,067	40.90	27
28	82,916	486	.99414	.00586	82,673	3,327,910	40.14	28
29	82,430	486	.99411	.00589	82,187	3,245,237	39.37	29
30	81,944	483	.99410	.00590	81,702	3,163,050	38.60	30
31	81,461	484	.99406	.00594	81,219	3,081,348	37.83	31
32	80,977	488	.99397	.00603	80,733	3,000,129	37.05	32
33	80,489	494	.99386	.00614	80,242	2,919,396	36.27	33
34	79,995	502	.99373	.00627	79,744	2,839,154	35.49	34
35	79,493	510	.99358	.00642	79,238	2,759,410	34.71	35
36	78,983	520	.99341	.00659	78,723	2,680,172	33.93	36
37	78,463	532	.99322	.00678	78,197	2,601,449	33.16	37
38	77,931	545	.99301	.00699	77,659	2,523,252	32.38	38
39	77,386	559	.99278	.00722	77,106	2,445,593	31.60	39
40	76,827	574	.99253	.00747	76,540	2,368,487	30.83	40
41	76,253	589	.99227	.00773	75,959	2,291,947	30.06	41
42	75,664	603	.99203	.00797	75,362	2,215,988	29.29	42
43	75,061	617	.99178	.00822	74,753	2,140,626	28.52	43
44	74,444	631	.99152	.00848	74,128	2,065,873	27.75	44
45	73,813	648	.99122	.00878	73,489	1,991,745	26.98	45
46	73,165	669	.99086	.00914	72,831	1,918,256	26.22	46
47	72,496	692	.99045	.00955	72,150	1,845,425	25.46	47
48	71,804	722	.98994	.01006	71,443	1,773,275	24.70	48
49	71,082	758	.98933	.01067	70,703	1,701,832	23.94	49
50	70,324	801	.98861	.01139	69,923	1,631,129	23.19	50
51	69,523	851	.98776	.01224	69,098	1,561,206	22.46	51
52	68,672	904	.98683	.01317	68,220	1,492,108	21.73	52
53	67,768	962	.98580	.01420	67,287	1,423,888	21.01	53
54	66,806	1,024	.98467	.01533	66,294	1,356,601	20.31	54

TABLE 23 (contd.):—SAORSTAT LIFE TABLE NO. 1—FEMALES.

Age. $x$	$l_x$	$d_x$	$p_x$	$q_x$	$L_x$	$T_x$	$e_x$	Age. $x$
55	65,752	1,088	.98346	.01654	65,238	1,290,307	19.61	55
56	64,694	1,154	.98216	.01784	64,117	1,225,069	18.94	56
57	63,540	1,223	.98076	.01924	62,928	1,160,952	18.27	57
58	62,317	1,291	.97928	.02072	61,672	1,098,024	17.62	58
59	61,026	1,360	.97771	.02229	60,346	1,036,352	16.98	59
60	59,666	1,428	.97606	.02394	58,952	976,006	16.36	60
61	58,238	1,493	.97436	.02564	57,491	917,054	15.75	61
62	56,745	1,553	.97264	.02736	55,969	859,563	15.15	62
63	55,192	1,608	.97087	.02913	54,388	803,594	14.56	63
64	53,584	1,661	.96900	.03100	52,753	749,206	13.98	64
65	51,923	1,713	.96700	.03300	51,067	696,453	13.41	65
66	50,210	1,766	.96483	.03517	49,327	645,386	12.85	66
67	48,444	1,819	.96245	.03755	47,534	596,059	12.30	67
68	46,625	1,874	.95981	.04019	45,688	548,525	11.76	68
69	44,751	1,931	.95685	.04315	43,786	502,837	11.24	69
70	42,820	1,990	.95353	.04647	41,825	459,051	10.72	70
71	40,830	2,049	.94981	.05019	39,805	417,226	10.22	71
72	38,781	2,106	.94569	.05431	37,728	377,421	9.73	72
73	36,675	2,157	.94119	.05881	35,597	339,693	9.26	73
74	34,518	2,199	.93630	.06370	33,418	304,096	8.81	74
75	32,319	2,229	.93103	.06897	31,205	270,678	8.38	75
76	30,090	2,245	.92540	.07460	28,967	239,473	7.96	76
77	27,845	2,244	.91942	.08058	26,723	210,506	7.56	77
78	25,601	2,225	.91310	.08690	24,489	183,783	7.18	78
79	23,376	2,187	.90645	.09355	22,282	159,294	6.81	79
80	21,189	2,129	.89951	.10049	20,125	137,012	6.47	80
81	19,060	2,056	.89212	.10788	18,032	116,887	6.13	81
82	17,004	1,968	.88429	.11571	16,020	98,855	5.81	82
83	15,036	1,865	.87599	.12401	14,103	82,835	5.51	83
84	13,171	1,749	.86722	.13278	12,297	68,732	5.22	84
85	11,422	1,623	.85794	.14200	10,610	56,435	4.94	85
86	9,799	1,488	.84813	.15187	9,055	45,825	4.68	86
87	8,311	1,348	.83777	.16223	7,637	36,770	4.42	87
88	6,963	1,206	.82584	.17316	6,360	29,133	4.18	88
89	5,757	1,063	.81532	.18468	5,226	22,773	3.96	89
90	4,694	923.8	.80319	.19681	4232.1	17546.8	3.74	90
91	3770.2	790.2	.79042	.20958	3375.1	13314.7	3.53	91
92	2980.0	664.5	.77700	.22300	2647.7	9939.6	3.34	92
93	2315.5	549.0	.76292	.23708	2041.0	7291.9	3.15	93
94	1766.5	444.9	.74814	.25186	1544.1	5250.9	2.97	94
95	1321.6	353.3	.73267	.26733	1144.9	3706.8	2.80	95
96	968.3	274.5	.71649	.28351	831.1	2561.9	2.65	96
97	693.8	208.4	.69960	.30040	589.6	1730.8	2.49	97
98	485.4	154.4	.68199	.31801	403.2	1141.2	2.35	98
99	331.0	111.3	.66365	.33635	275.3	733.0	2.21	99
100	219.7	78.1	.64461	.35539	180.7	457.7	2.08	100
101	141.6	53.1	.62486	.37514	115.0	277.0	1.96	101
102	88.5	35.0	.60442	.39558	71.0	162.0	1.83	102
103	53.5	22.3	.58332	.41668	42.4	91.0	1.70	103
104	31.2	13.7	.56159	.43841	24.3	48.6	1.56	104
105	17.5	8.1	.53925	.46075	13.5	24.3	1.39	105
106	9.4	4.5	.51637	.48363	7.1	10.8	1.14	106
107	4.9	2.5	.49299	.50701	3.7	3.7	0.75	107